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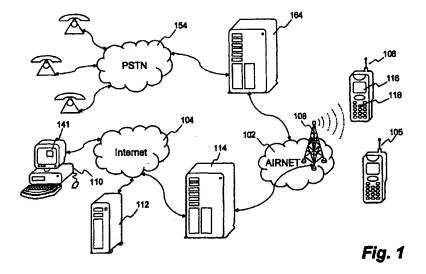
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(54) Method and apparatus for displaying information during idle time on a wireless mobile device

(57) A system for displaying idle content information on wireless computing devices during idle times is disclosed. A wireless computing device (106) receives from a wireless network (102) idle content information specified by an address identifier identifying a network resource in the wireless network. When the device determined as being idle, the idle content information is

displayed on the device display (116). The idle content information might be the network operators customer support telephone number or advertisements. A browser program within the device may be modified to support looping content, interaction with Idle displays, automatic scrolling, and automatic updating of idle content information.





EUROPEAN SEARCH REPORT

Application Number

| | | DERED TO BE RELEVANT | | | |
|---|---|---|-----------------------------------|--|--|
| Category | Citation of document with of relevant pa | i indication, where appropriate, ssages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.CI.7) | |
| X | 25 March 1998 (199 * abstract * | • | 1,2 | H04Q7/32 G06F17/30 | |
| Y | * page 2, line 31 * page 3, line 45 * page 4, line 9 - | - 1ine 51 * | 4-8,10 | | |
| A | * page 9, line 7 - | line 11 * | 3,9 | | |
| Y | APPLICATION PROTOC ON - ERICSSON REVI SE, no. 4, 1998, pages ISSN: 0014-0171 * abstract * * page 150, left-h * page 150, right- * | EW, ERICSSON. STOCKHOLM, 150-153, XP000792053 | | | |
| Y | US 5 852 775 A (HI 22 December 1998 (* column 1, paragr * column 3, paragr | 1998-12-22) | 7 | TECHNICAL FIELDS SEARCHED (IM.CI. HO4L G06F H04Q H04M | |
| A | US 5 796 945 A (TA 18 August 1998 (1998) * abstract * * column 2, paragra | 1,3,8,9 | 104 H | | |
| î. | column 3, paragracolumn 4, paragra | aph 2 * aph 2 — paragraph 3 * aph 1 — paragraph 6 * | | | |
| | The present search report has | | | , | |
| | Place of search | Date of completion of the search | 01 | Examiner | |
| | THE HAGUE | 30 July 2002 | | ico Cardona, P | |
| CATEGORY OF CITED DOCUMENTS T: theory or principle E: earlier patent doc X: perticularly relevant if taken alone Y: particularly relevant if combined with another Cocument of the same category T: theory or principle E: dearlier patent doc after the filling dat C document of the same category L: document cited for | | ument, but publisi e i the application r other reasons | hed on, or | | |
| | nological background written disclosure | & : member of the sa | same patent family, corresponding | | |

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 00 30 2859

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-07-2002

| Publication date | ily 3) | Patent farr member(s | | Publication date | nt port | Patent documer cited in search re | |
|------------------------|-----------|-------------------------|----------|---------------------------|-------------|--------------------------------------|----|
| 09-02-199 25-03-199 | A A2 | 5870683 0831629 | US EP | 25-03-1998 | A | 0831629 | EP |
| | | | NONE | 22-12-1998 | A | 5852775 | US |
| | | | NONE | 18-08-1998 | Α | 5796945 | US |
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